DCR-PC105

Digital Handycam® Camcorder

Sony's compact Handycam® Camcorder offers a 1.0 Megapixel CCD Imager, 2.5" Touch Panel LCD Screen, Carl Zeiss® optics and USB Streaming. Producing excellent still image quality and superb Digital Video that help you shoot, play and share your precious memories.

FEATURES

1.0 Megapixel (Gross) Advanced HAD™ CCD Imager

1/4.7" Advanced HAD (Hole Accumulation Diode) CCD imager with 690K (effective) pixels provides excellent detail and clarity, with exceptional digital video performance **(520 lines of horizontal resolution).** Realize great looking digital still images utilizing 1000K (effective) pixels. The Megapixel technology enhances your digital videos and digital still photography performance.

MiniDV Recording

MiniDV digital recording format delivers 3X color bandwidth of VHS and lower signal to noise ratio compared to analog formats and provides stunning video performance.

Professional Quality Carl Zeiss® Vario-Sonnar® Lens

Carl Zeiss lens have an advanced optical multi-layer coating offering less glare and flare with increased contrast. This results in vivid image brilliance, true-to-life color saturation, and perfect renditions of subtle tones.

10X Optical/120X Precision Digital Zoom

The Carl Zeiss® Optical Zoom brings the action close up from far away. In addition, precision digital zoom interpolation technology means that extreme digital zooming is clearer, with less distortion than previous types of digital zoom.

➤2.5" Precision SwivelScreen™ Hybrid Touch Panel LCD Display (211K)

The 211k pixel LCD provides excellent viewing clarity with improved resolution. The Hybrid system consist of a transmissive LCD combined with a reflective LCD. By turning off the LCD backlight, it will capture more ambient light virtually eliminating LCD "wash-out." Images will be visible in the LCD even in the most challenging outdoor lighting conditions. The "On Screen" touch panel system allows you to navigate through the camera's menu system at the touch of the LCD screen.

Color Viewfinder (113K)

Provides a clear, color view of video subjects, and makes spotting or following subjects easier.

Super SteadyShot Picture Stabilization System

An advanced version of Sony's SteadyShot® system that controls an even higher range of shake and vibration frequencies, to achieve an even higher level of smoothness without degradation of video like some other image stabilization systems.

Digital Still Memory Mode with Memory Stick® Media

Digital Still Memory Mode captures high quality Megapixel still images at 1152 x 864 or 640 x 480 resolution directly to Memory Stick media. Images are stored in the JPEG format providing easy transfer to compatible PCs for emailing, printing, or sharing with family and friends. 8MB Memory Stick media is supplied.

MPEG Movie EX Mode

Unlike earlier MPEG1 Movies, MPEG Movie EX will allow you to record uninterrupted to the full capacity of the Memory Stick® media. For example a 128MB Memory Stick media will record up to 85 minutes of non-stop MPEG1 video.

➤Intelligent Pop-Up Flash

Provides the appropriate amount of flash for optimum brightness and color accuracy in virtually any lighting condition when shooting still images.

i.LINK®* DV Interface (IEEE1394)

A high speed bi-directional digital video/audio communication between two devices equipped with a IEEE1394 interface, including camcorders, digital VTRs, capture cards and PCs.

➤Click to DVD™ Software Connectivity

By connecting the camcorder to a Sony VAIO® computer, via i.LINK® interface* and pressing the "Burn DVD" button in the menu system, this allows you to automatically burn a copy of your personal videos to DVD. This feature is compatible with newer versions of Click To DVD™ software found exclusively, on select VAIO® Notebook and Desktop computers.

Analog-to-Digital Conversion with Pass-Through

Convert and/or record any analog NTSC video source to digital video via the analog inputs. Analog NTSC video can also be passed-through the digital Handycam® camcorder directly into a PC via the i.LINK® interface* in real time for easy PC editing of your analog footage.

USB Streaming

Stay connected with family and friends by broadcasting live video with audio, via the Internet with the USB interface. You can even playback your favorite recorded scene stored on tape. It's like having your own web camera or video conferencing system.

USB Interface

USB interface provides an easy way to connect the digital Handycam camcorder to computers for fast transfer of digital images and MPEG movies stored on Memory Stick® media to the PC.

InfoLithium® Battery with AccuPower™ Meter System

Charge the battery at any time because unlike NiCad (Nickel Cadmium) batteries, Sony's rechargeable Lithium-Ion batteries are not subjected to a life shortening "memory effect". Sony's exclusive AccuPower meter displays the battery time remaining in minutes, in the viewfinder or the LCD screen.

➤ STEP-UP FEATURE

DCR-PC105

ADDITIONAL FEATURES

14 Bit DXP A/D Conversion
AE Bracketing
Burst Mode
Digital Program Editing
EXIF 2.2
Index Titling
Intelligent Accessory Shoe
Interval/Frame Recording
Photo Mode
Photo Save
Picture Effect Modes
PIM (Print Image Matching)
Playback Zoom
Print Mark
Progressive Shutter System
Super NightShot® Infrared System and Color Slow Shutter
Stamina® Battery Power Management System

SPECIFICATIONS

Imaging Device: 1/4.7" 1,070K Gross Pixels, Advanced HAD™ CCD
Video Actual: 690K
Still Actual: 1,000K
F: 1.8-2
Focal Distance: 3.7-37mm
35mm Conversion: 50-500mm (Camera Mode) 42-420mm (Memory Mode)
Filter Diameter: 30mm
Optical Zoom: 10X
Digital Zoom: 120X
Focusing: Full Range Auto/Manual/Spot (Touch Panel)
Minimum Illumination: 7 Lux (0 Lux with NightShot® Infrared System)
NightShot Infrared System: Super NightShot, Color Slow Shutter
Shutter Speed: 1/4-1/4000 (AE Mode)
Memory Mode: Yes, 1152 x 864, 640 x 480
MPEG Movie EX Mode: Yes, 320 x 240, 160 x 112
Viewfinder: Color (113K)
LCD: 2.5" Color (211K)
Accessory Shoe: Yes (Intelligent)
Video Input/Output: Yes/Yes (Special, S-Video/A/V)
Audio Input/Output: Yes/Yes (Stereo, Special)
i.LINK® DV Interface (IEEE1394): Yes (4 Pin)
USB Terminal: Yes
Memory Stick PRO™ Media Compatibility: Tested to support up to 1GB media capacity; does not support high speed transfer function; does not support Access Control security function
USB Streaming: Yes, 320 x 240 (up to 30 frames/sec.)
Headphone Jack: Yes (Mini, Stereo)
Mic-Input: Yes (Stereo)
White Balance: Auto, Outdoor, Indoor, Hold
Exposure: Yes/Touch Panel (24 Step)
Software OS Compatibility: Microsoft® Windows® 98SE, 2000, Me, XP; Macintosh® 8.5.1 - 9.1**
Power Consumption (VF/LCD/VF+LCD): 3.2W/3.8W/4.1W
Dimensions (WHD): 2" x 4 1/8" x 3 7/8" (51mm x 104mm x 97mm)
Weight: 1 lb 0 oz (460g) w/o Battery
Supplied Accessories: AC-L15 Power Adapter/In Camera Charger, NP-FM30 InfoLithium Rechargeable Battery, RMT-831 Wireless Remote Commander® Remote, 2 AA Batteries, A/V Cable, Lens Cap, Shoulder Strap, 8MB Memory Stick® Media, USB Cable, CD-ROM with USB Driver (Pixela™ ImageMixer Software Ver. 1.5), LCD Cleaning Cloth

SONY

Sony Electronics Inc.
16765 West Bernardo Drive
San Diego, CA 92127
www.sony.com/di

worry FREE™ BATTERY LIFE

Battery* (Fully charged)	Rec Time VF/LCD/VF+LCD	Playback Time LCD On/Off
NP-FM30	90/70/70 min	100/135 min
NP-FM50	150/120/110 min	160/220 min
NP-FM70	310/250/240 min	335/450 min
NP-QM71D	365/290/275 min	390/530 min
NP-FM90	475/380/360 min	505/685 min
NP-QM91D	550/445/420 min	585/785 min

*Results may vary depending upon conditions

MEMORY MODE

Memory Stick® Media[1]	Fine/Std 1152 x 864	Fine/Std 640 x 480	Memory Stick PRO™ Media[1]	Fine/Std 1152 x 864	Fine/Std 640 x 480
8MB	15/37	50/120	256MB	460/1050	1450/3650
16MB	30/74	96/240	512MB	900/2050	2900/7200
32MB	61/150	190/485	1GB	1850/4200	5900/14,500
64MB	120/300	390/980			
128MB	245/600	780/1970			

MPEG MOVIE EX MODE

h=hour, m=minute, s=second

Memory Stick® Media	Email Mode (160 x 112)	Presentation Mode (320 x 240)	Memory Stick PRO™ Media	Email Mode (160 x 112)	Presentation Mode (320 x 240)
8MB	5m 20s	1m 20s	256MB	2h 50m 40s	42m 40s
16MB	10m 40s	2m 40s	512MB	5h 41m 20s	1h 25m 20s
32MB	21m 20s	5m 20s	1GB	11h 22m 40s	2h 50m 40s
64MB	42m 40s	10m 40s			
128MB	1h 25m 20s	21m 20s			

OPTIONAL ACCESSORIES

AC-SQ950D AC Quick Charger for Super Quick Batteries
NP-QM71D/91D Super Quick High Capacity InfoLithium® Batteries
NP-FM50/70/90 High Capacity InfoLithium® Batteries
LCS-VA1 Carrying Case
MSA-16/32/64/128 Memory Stick® Media
MSA-128SZ Memory Stick® Select Media
MSX-256/512/1GB Memory Stick PRO™ Media
HVL-IRH2 NightShot Infrared Light
HVL-S3D Video Light
VCT-870RM Remote Control Tripod

* i.LINK is a trademark of Sony, used only to designate that a product contains an IEEE1394 connector. All products with an IEEE1394 connector may not communicate with each other.

** Not compatible with USB Streaming.

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[1] Available storage capacity of Memory Stick and Memory Stick PRO media may vary. A portion of the memory is used for data management functions.